OLEJNIK, O.; VASULIN, M.; BEDNAR, O.

Our experiences with the surgical treatment of total atrioventricular block. Rozhl. chir. 44 no.1:8-15 Ja 165

1. II. chirurgicka klinika lekarske fakulty University J.E. Purkyne v Brne (prednosta: prof. dr. J. Navratil, DrSc.)

MOVAK, M.; KRTICKA, A.; SERBA, I.; VARMIN, M.

An electronic device for the output of the auxiliary circulation pump. Ser. med. Pac. med. Brunenaia 38 no.4:169-172 (65. pump. Ser. med. Pac. med. Brunenaia 38 no.4:169-172 (65. pump. Ser. med. Pac. med. Brunenaia 38 no.4:169-172 (65. pump. Ser. med. Pac. med. Mibr. Jan Havratil, ErSc., Furkyne v Brne (prednoata prof. Mibr. Jan Havratil, ErSc., nositel Radu republiky) a Volensku technicka akaiemie Antonina Zapotockeho v Brne, nositel Radu republiky.

Chrosbay NUSSR COULTYN GO PLANTS, POTATOSS, Yogetables, Cucurbits. Cabagony Abs. Jour. : NET 21/UR-BIOL., 21,1968. NO-96010 Lather 'Vasul'yaya, Enotitut, Mosdow Apric. Acad. in. K.A. Timiryzev Title The Possibility of Using Kultiple Strip Planting for Carrots "Ath the Utilization of Merbicide Orts. Time Sb. stud. neuchno-issled. rabot. Mosk. s.-kh. akad. in. F.A. Timiryezeva, 1957 (1958), vyp.7, 267-271 Abstract According to the findings of experiments at the Gor'kiy Dovkhoz during production trials, the dusting of carrot plantings with 20% isopropyl I'phenylcorbenate (TPC) in phosphorite mual for 8-10 days after sowing the carrots produced a sharp reduction in the number of weeds when two weedings were rade on the two and five strip plantings. The carrot harvest was increased in the two-strip plant ings by 58.9 ewt/ha., and on the five-strip planting by 67.6 cwt/ha.--h.". Stonov 1/1 Card: 66

AKSEL'ROD, L. S.; VASUNINA, G. V.

"Investigation into crystalization of moisture and carbon dioxide from a vapor-gas mixture."

report subm itted for 2nd All-Union Conf on Heat & Transfer, Minsk, 4-12 May 1964.

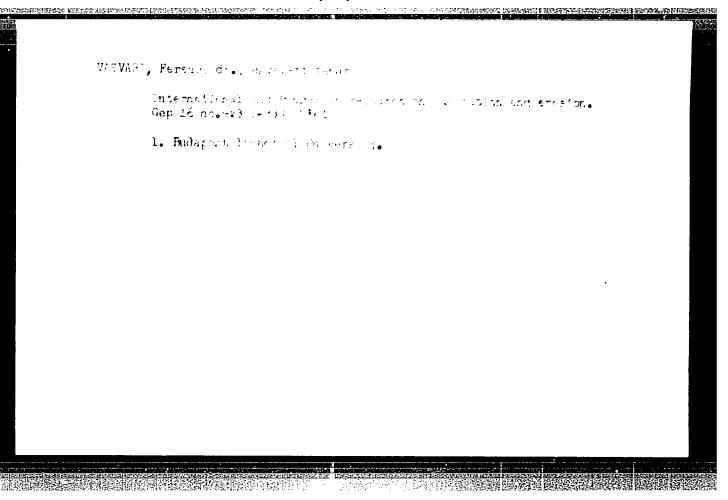
All-Union Sci Res Inst Oyxgen Engineering.

AND THE WHITE WELLS IN THE PROPERTY OF THE PRO

WASVARI, F., prof. (Budapest, V.Szerb u.23)

Initial destruction of metal surfaces by water impact. Periodica polytechn eng 6 no.1:21-42 162

1. Lehrstuhl für elektrotechmische Werkstofftechmologie.



NAME OF THE PROPERTY OF THE PR

BALASSA, Maria, dr.; POLICZER, Miklos, dr.; FIALA, Ervin, dr.; MIKE, Terezia, dr.; TARI, Laszlo; VASVARI, Gabor

Radioiodine thyroid function test with the aid of the organic phosphorus scintillator and GM tube. Magb radiol. 12 no.4:240-244 N 160.

1. A Kozponti Allami Korhaz ez a MTA Kozp. Kemiai Kutato Intezetenek kozos kozlemenye.

(THYROID GLAND physio1) (IODINE radioactive) (RADIOMETRY)

VASVARI, Gabor (Budapest)

An account of my study trip in Poland. Kem tud kozl MTA 16 no.1: 143-144 '61.

1. Magyar Tudomanyos Akademia Kozponti Kemiai Kutato Intezete, Budapest.

(Nuclear reactors) (Hungarians in Poland)

VASVARI, Gyorgy, villamos mernok

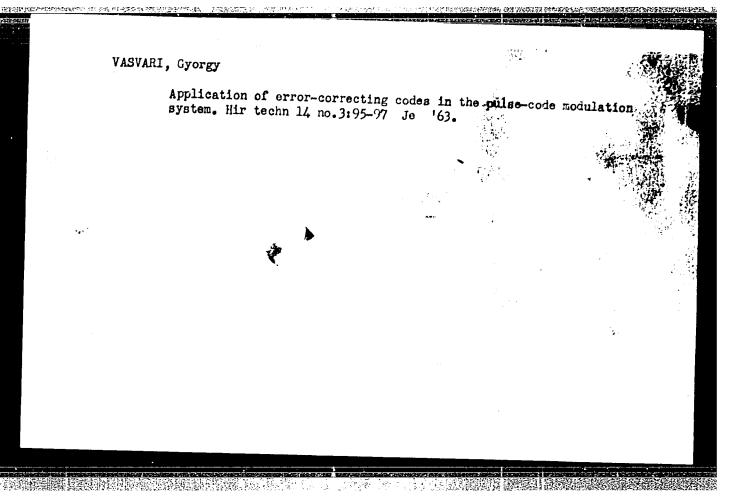
Gamma 3B2T electronic calculating machine. Meres automat 9 no.12:
355-357 D '61.

(Electronic calculating machines)

THE PROPERTY OF THE PROPERTY O

VASVARI, Gyorgy, okl.villamosnernok

Some problems of storing information by the digital technique. Meres automat 10 no.3:74-77 162.



APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

VASVAHI, Jeno, Dr.; HOZSA, Maria, Dr.

Ellipsoid gastric ulcer. Orv. hetil. 90 no.52:1840-1841 28 Dec 58.

1. A Budapesti Fovarosi IV. ker. Karolyi Sandor Koskorhas (igazgatofoorvos: Iazaritis Jeno dr.) Hontgenosztalyanak (foorvos: Jakob Mihaly dr. egyet. m. tanar) es II. sz. Belgyogyasztanak (foorvos: Ujszaszy Laszlo dr.) kozlemenye.

(CONDESTIVE HEART FALURE, compl.

peptic ulcer, ellipsoid, in prepyloric area (Hun))

(PEPTIC ULCER, case reports

eppipsoid ulcer in prepyloric area in congestive heart failure (Hun))

VASVARI, Jeno, dr.; HORVATH, Nandor, dr.

A new method and apparatus for phlebographic examination of the lower extremities. Magy radiol 12 no.1:43-45 Mr '60.

1.A Fovarosi Karolyi Sandor korhaz sebeszeti osztalyanak (igazgato: Lazarits, Jeno, dr., sebesz foorvos) es rontgen osztalyanak (foorvos: Jakob, Mihaly, dr. e.m. tanar) kozlemenye.

(ANGIOGRAPHY)

CONTROL OF THE CONTRO

VASVARI, Jeno, dr.; LELKES, Gyorgy, dr.

Foreign bodies in the heart. Orv. hetil. 102 no.18:834-839 30 Ap '61.

1. Budapest Fov. IV ker. Karelyi Sandor Kezkerhaz, Rontgen Osztaly es a IV ker. Arpad Kezkerhaz Belgyegyaszati Osztaly.

(HEART for bodies)

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###OR. Ministry. One [MINMIS. Do.s. Dr.: Budapese. Two Cluthous partition O. Tronking (securport, TV. know, Kinglin D. Forma). (early Doing not make TAMARISE, Pare, on, make Dat the Danny populations: MARIS. There is not stored, the description of the Maris of th

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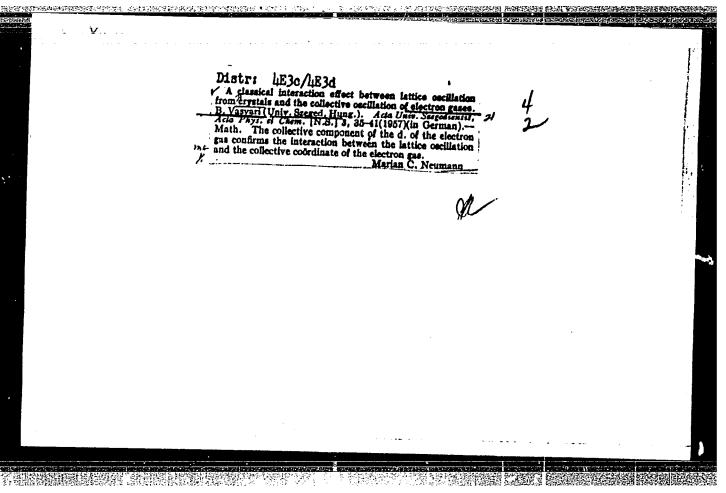
Belagest, Magyar Billiologic Tot Cl, as I, Jan 1963, per to Law.

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HUNGARY/Theorotical Physics - Classical Electrodynamics. Classical B-3
Theory of Fields.

Abs Jour : Ref Zhur - Fizika, No 9, 1958, No 19626

Author : Horvath J.I., Vasvari B.

Inst : University of Szeged, Szeged, Hungary Title : Generalized Linear Electrodynamics.I.

Orig Pub : Acta phys. Aced. sci. hung., 1957, 7, No 3, 277-288

Abstract: It is noted that in electrodynamics with higher derivatives, in the Podolsky formulation (Podolsky B., Schwed Ph., Reviews of Modern Physics, 1948, 20, 40) a difficulty arises in quantization, owing to the venishing of the time component of the generalized momentum of the field. The authors propose a new expression for the Lagrangian function of the free field, at which all the momenta of the field are finite, and the field equations are obtained in the form of generalized wave equations without using the supplementary Lorentz condition. The canonical formalism of the theory is developed in detail, as are the derivations for the expressions for

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HUNGARY/Theoretical Physics - Classical Electrodynamics, Classical B-3
Theory of Fields

Abs Jour : Rof Zhur - Fizike, No 9, 1958, No 19626

the canonical and symmetrical energy-momentum tensors of the field.

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MUNICARY/Electricity - Matter with Metallic Permeance

9-4

Abs Jour : Ref Zhur - Fizika, No 2, 1959, No 3679

Author : Vasvari B.

Inst : The University, Szejod, Hungary

Title : Classical Interaction Between the Vibrations of a Crystal-

Lattice and the Collective Vibrations of an Electron Gas.

Orig Pub : Acta phys. et chem. Szeged, 1957, 3, No 1-4, 35-51

Abstract: In the Bohn and Pines approximation, the author considers the problem of the behavior of an electron gas in a lattice

made of positive ions. The coordinates are separated into collective and individual ones. The equations of motion for the Fourier representations of the collective coordinate are the same as for an oscillator with an external force.

From the form of the solution it follows that in that case, when the plasma frequency (ω_p) is a multiple of the vibration frequency (ω) resonance takes place, i.e., thermal oscillations of the ions can excite oscillations

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51

VASVARI, Bela

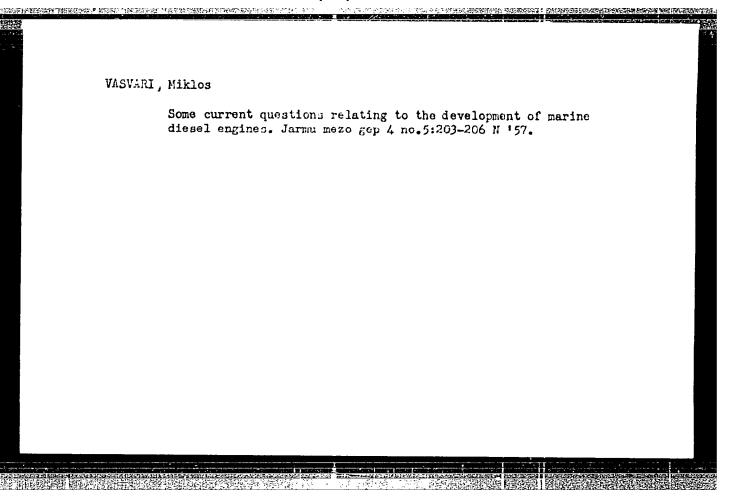
Collective description of electronic interactions. Magy fiz folyoir 7 no.6:457-488 159. (REAI 9:4)

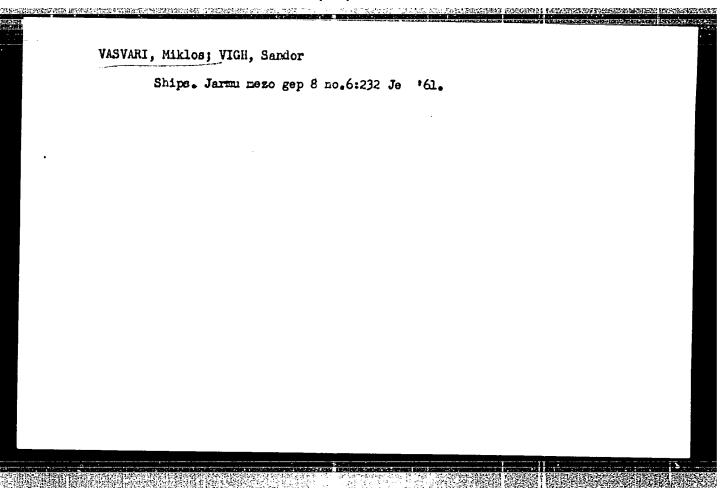
1. Kossuth Lajos Talemanygegyetem, Devrecen, Elmeleti fizikai Intezet. (Electrons)

L 33778-66 EWP(m) SCURCE CODE: HU/250: '65/051/01-/0081/0104 AT6025138 ACC NR: Vasvari, F. *HOH! IN Und: Technical University, Budapest TITLE: Phenomena accompanying the cavitation process SOURCE: Academia scientiarum hungaricae. Acta technica, v. 51, no. 1-2, 1965, 81-104 TOPIC TAGS: cavitation, electron microscopy, erosion ABSTRACT: Twenty-seven electron micrographs taken from surfaces eroded by jet impact and magnetostriction equipment in the initial stages of destruction were presented and discussed to elucidate the phenomena occurring in connection with cavitation. The findings showed that in the initial stages of destruction electrical phenomena perform a significant function, both in terms of water impact and cavitation. has: 27 figures. Orig. art. in Eng. JPRS: 33,544 SUB CODE: 20/ SUBM DATE: 14Feb63/ ORIG REF: 004/ OTH REF: 026

ACC NR. AP6032679 SOURCE COOR: HU/0012/65/013/012/0367/0369 AUTHOR: Payer, Karoly; Vasvari, Gabor--Vashvari, G. ORG: Central Research Institute for Chemistry, MTA (Magyar Tudomanyos Akademia Kozponti Kemiai Kutato Intezet) TITLE: Portable device for measuring weak beta contamination by scintillation SOURCE: Meres es automatika, v. 13, no. 12, 1965, 367-369 TOPIC TAGS: photomultiplier, scintillation, radiation detector ABSTRACT: A portable, transistorized contamination meter for measuring weak beta- and gamma-radiation was constructed. The detector consists of a plastic scintillator in conjunction with a Zeiss M 10 FS 25 photomultiplier. The electronic portion contains a highly stabilized high-voltage power supply, a wideband amplifier, a pulse-shaping stage, and an integrating stage. The lowest detectable radioactive contamination is 3 x 10⁻⁴ μC/sq. cm. for weak β-radiation and 1.5 x 10⁻³ μC/sq. cm. fory-radiation. The authors thank Forkai Jozsef, Electronic Engineer, for electronic preparations. Orig. art. has: 3 figures. [Based on authors' Eng. abst.] [JPRS: 34,273] SUB CODE: 18, 09 / SUBM DATE: 16Dec64 / OTH REF: 004 Card 1/10919 2504

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VASVARI,	Miklos	······						
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VASVARI, Miklos, fokonstruktor

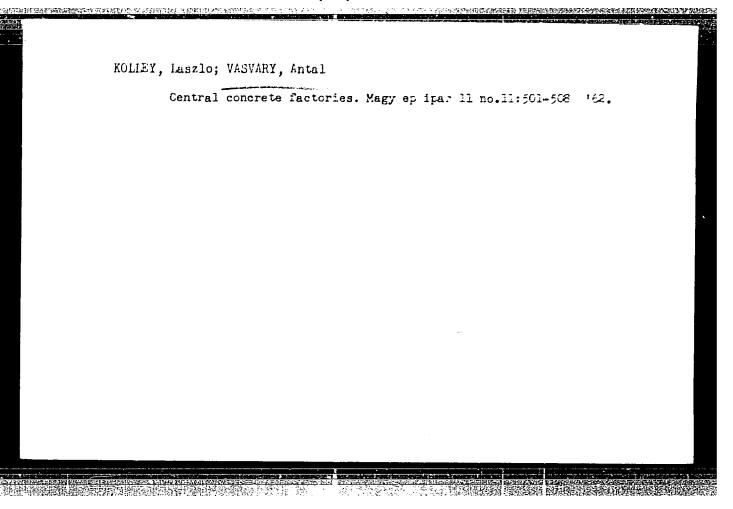
High-power pusher ship on the Danube. Jarmu mezo gep 11
no.10:367-371 0 64.

1. Hungarian Shipyard and Crane Factory.

LASZIO, Pota, dr.; VASVARI, Sandor, ujitasa

Automatic mobile tomograph. Magy. radiol. 7 no.1:57-59 Jan 55.

1. A Kutvolgyi uti Allami Korhaz (igazgato: dr. Hancsok, Mariusz)
Rontgen-intezetenek (vezeto foorvos: Hajdu, Imre dr.) kczlemenye.
(ROENTGENOGRAPHY, apparatus and instruments,
tomograph, automatic mobile.)



VASVARY, Artur

Activity of the Division of Geography, Geology and Geophysics. Term tud kozl 4 no. 6:286-287 Je 160.

1. Secretary, National Executive Committee, Division of Geography, Geology and Geophysics.

VASVARY, Artur

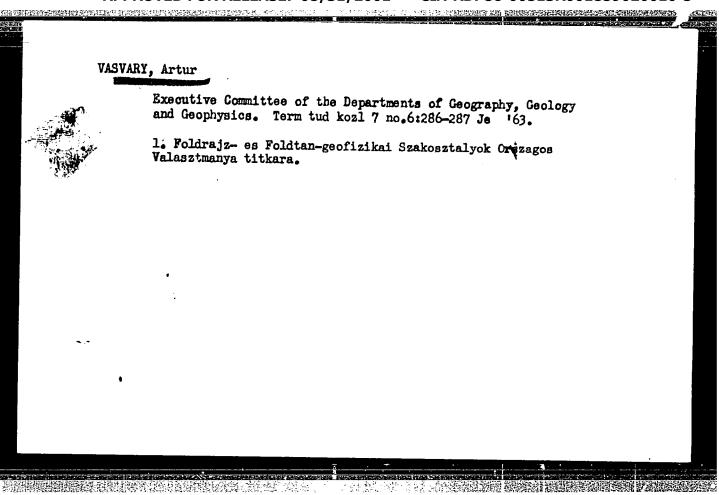
The Circle of Friends of the Tourists of the Touring, Money Changing, Traveling, and Shipping Co., Ltd., and the Society for Propagation of Scientific Knowledge has been formed. Term tud kozl 6 no.12:575 D 162.

VASVARY, Artur

Nesebar, the "little Venice" of the Bulgarian Sunshine Shore. Elet tud 17 no.32:1007-1011 12 Ag '62.

1. Tudomanyos Ismeretterjeszto Tarsulat orsz. foldrajzi valasztmany titkara.

"The crossing of Antarctic by Artur Vasvary. Term tu	"The crossing of Antarctica" by Vivian Fuchs, Edmund Hillary. by Artur Vasvary. Term tud kozl 7 no.3:141 Mr '63.							
		half war	•					



VASVARY, artur, dr.

Everyday life in an Indian village on a diapositive film. Folikozl 11 no. 4:358 63.

1. Secretary, National Executive Committee, Division of Geography, Geology and Geophysics, Society for Propagation of Scientific Knowledge; Member, Executive Committee, Hungarian Geographical Society.

VACY. C.

Inportant results of experiments in the aerodynamics of very fact a splants.

II.D. 91. (ARREVER EL COLEY, Budapest, Hungary), Vol. 1, No. 3, Lar. 19th.

80: Eonthly list of East European Accessions, (SMAI), 10, Vol. 1,

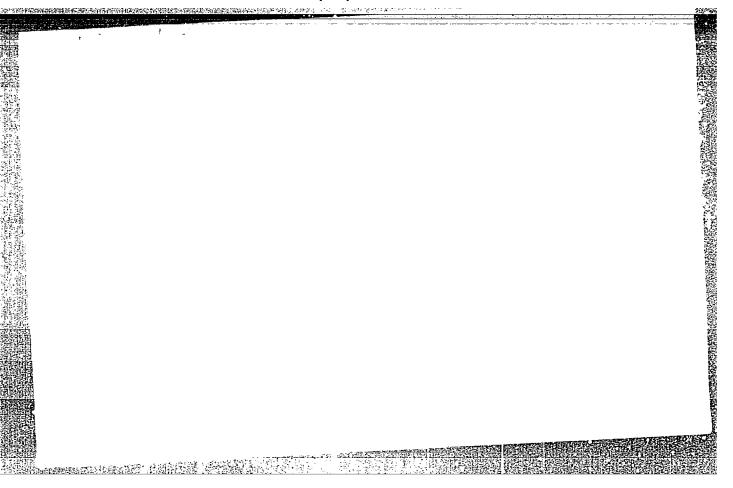
No. 5, Ear 1955, Uncl.

VASY, G.

TECHNICAL DEVELOPMENT AND MCDERN STREAMLING OF HIGH*SEEED VEHICLES.

p 64 (JARTUVER MEXICOAZDAJAGI GEPEK) FUDAFRIT, HUN KRY VOL 4 NO 2 JUGE 1057

SO: MONTHLY INDEX OF EAST EURICEAN ACRESIONS (AREI) VOL 6 NO 11 NOVEMBER 1957



Is there a	future for	airships?	Term tud	kozl 5 no.2:70	1-72 F '61.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

VASY, Geza, okleveles gepeszmernok

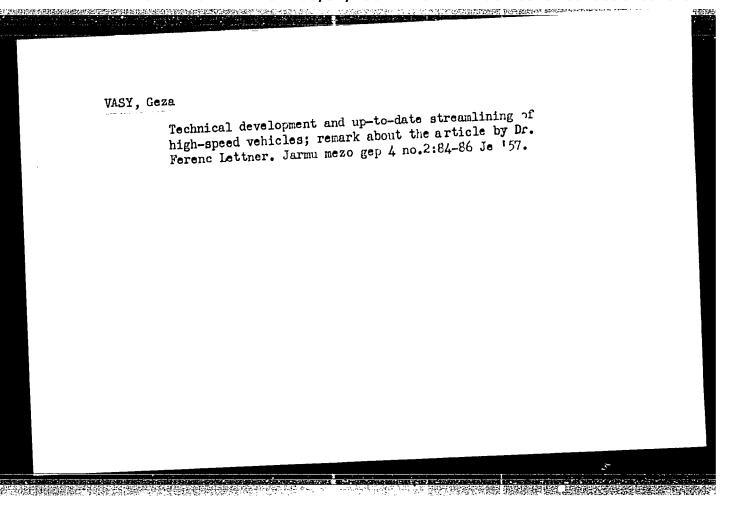
Reducing openings suitable for measuring flow at low Reynolds numbers. Meres automat 10 no.4:114-122 162.

1. Iranyito tervezo, GEPTERV.

VASY, Geza, okleveles gepeszmernok

Novelty, up-to-dateness, and economy. Meres automat 11 no.1:
27-28 *63.

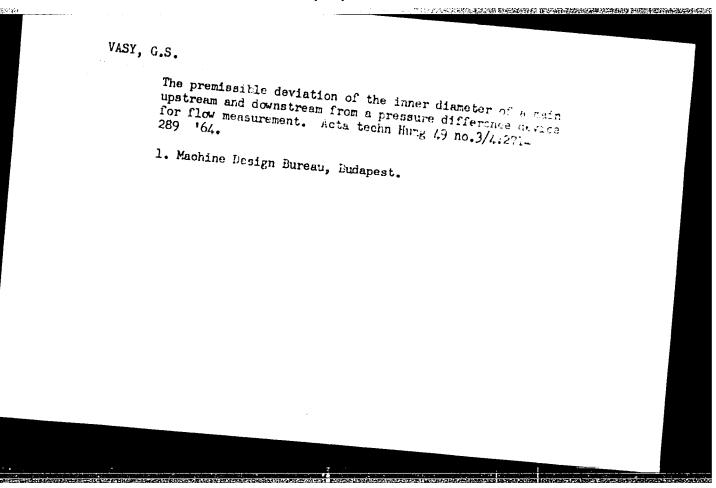
1. Iranyito tervezo.



VASY, Geza

Permissible tolerance of the diameter of pipelines in case of quantity measurement by means of the aperture. Muszaki kozi 1728 33 no.1/4:131-149 64

1. Gepterrezo es Muszaki Iroda, Budapest.



L 21994-66 EWT(1) IJP(c)

ACC NR: AP6006965

SOURCE CODE: UR/0368/66/004/002/0157/0161

AUTHOR: Khlevnyuk, A.T.; Vasyagin, N.I.

ORG: none

21,44,55

TITLE: Thermoluminescence of some lamp luminophors

SOURCE: Zhurnal prikladnoy spektroskopii, v. 4, no. 2, 1966, 157-161

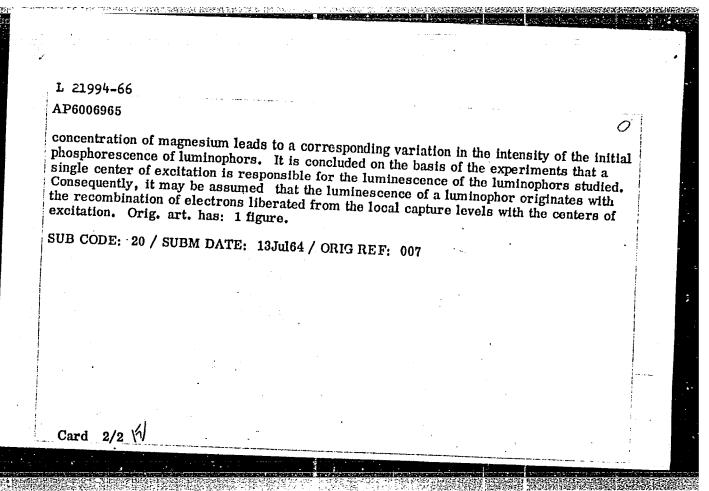
TOPIC TAGS: luminophor, luminescent material, luminescence, thermoluminescence

ABSTRACT: The authors investigated the thermoluminescence of many lamp luminophors produced by the industry, with the aim of studying the depth distribution of local capture levels and the magnitude of the light sum registered by them, in order to improve the quality of the lamps. The thermoluminescence was investigated between 20 and 300-400C and -180 to 20C. It is shown that the curves of thermal de-excitation of halophosphate luminophors have many high-intensity peaks, indicating that these luminophors contain many local levels of various depth and store considerable light sums. A comparison of all the thermal de-excitation curves showed that the halophosphate luminophors have the highest local capture levels and that these luminophors also store the highest light sum. A variation in the

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VASYAGIN, S., general-polkovnik

Leninist ideology is your weapon. Komm. Vooruzh. Sil 46 nc.7: 59-66 Ap '65. (MIEA 18:5)

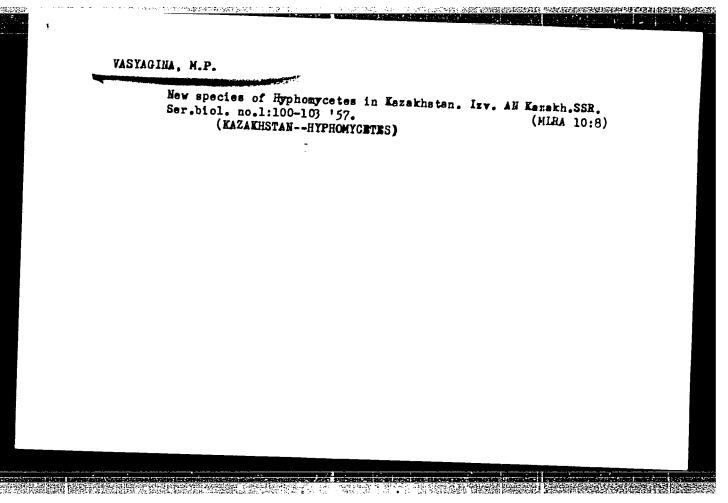
1. Chlen Voyennogo soveta, nachal'nik politicheskogo upravleniya Gruppy sovetskikh voysk v Germanii.

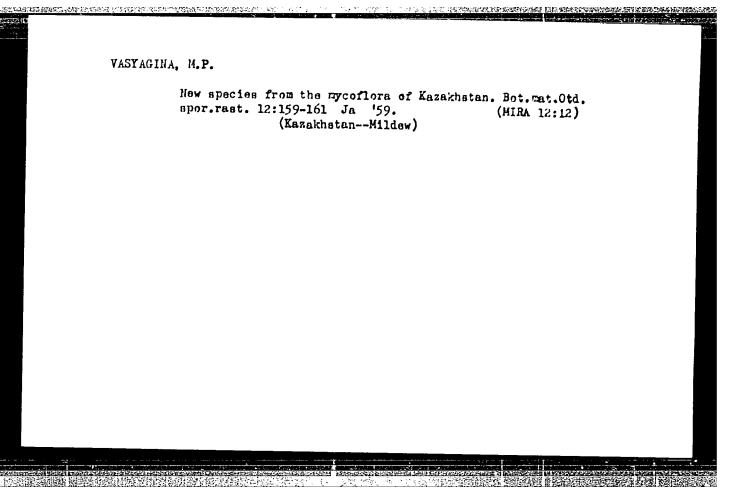
VASYAGINA, M. P.

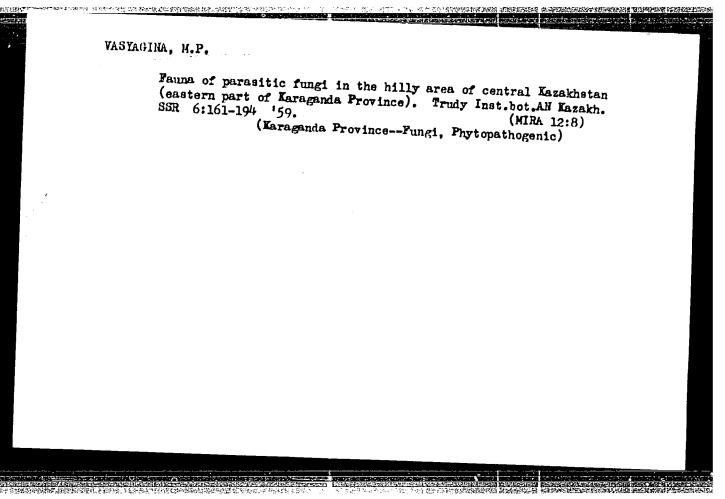
VASYACINA, M. P.: "Parasitic microflora of the 'melkosopochnik' of central Karakhstan (in the eastern portion of Karaganda Oblast)."

Acad Sci Kazakh SSR. Inst of Betany. Alma-Ata, 1956. (Dissertation for the Degree of Candidate in Biological Sciences)

So: Knizhnaya letopis' No 30, 1956 Moscow





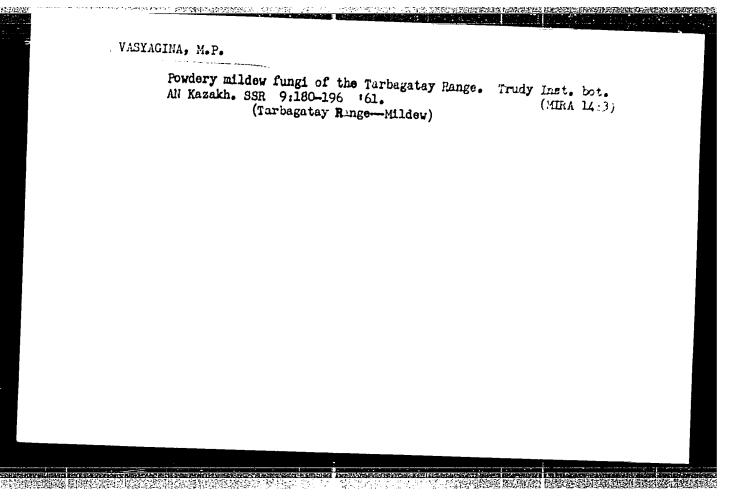


VASYAGINA, Mariya Pavlovna; KUZNETSOVA, Mariya Nikolayevna; PISAKEVA, Nadezhda Fedorovna, SHVARTSMAN, Sof'ya Ruvinovna, kand. biolog. nauk; SUVOROVA, R.I., red.; SHEVCHUK, T.I., red.; ROROKINA, Z.P.,

> [Flora of sporeforming plants of Kazakhstan] Flora sporovykh rastenii Kazakhstana. Alma-Ata, Izd-vo Akadenauk Kazakhskoi SSR. Vol.3. [Mildew] Muchnisto-rosianye griby. 1961. 458 p. (MIRA 15:1)

(Kazakhstan-Mildew)

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KONAREVSKIY, A.A., starshiy nauchqyy sotrudnik; DERGUNOVA, A.A., starshiy nauchqyy sotrudnik; VASTAGINA, O.A., tekhnik

Development of modern standards of electric power consumption for the production of sausages. Trudy VNIIMP no.9:152-157 '59.

(Sausages)

(MIRA 13:8)

	Almandeliani, A.S. (Eng.) PROVAKIN, A.S. (Wining ing.): KISMAR, YE, C. (Mining El. Eng.)
	Potash Industry and Trade - Solikamsk
	Mechanized mining work at the Solikamsk potash mine. Mekh. trud. rab. 6 nc. 5, 1952.
	Monthly List of Russian Accessions, Library of Congress, "ugust 1952, MICHAGSIFIED
10 mm	

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USSR, Chemistry - Raw materials, Mining of potassium saits FD=2730

Card 1/1

Pub. 50 - 11/20

Authors

: Vasyakin, A. S., Komshilov, I. I., Dibrov, R. P.

Title

: Application of the method of drill-holes arranged in the shape of a fan in the exploitation of the "Krasnyy P" layer

at the Solikamsk potassium mine

Periodical

: Khim. prom. No 5, 294-296, Jul-Aug 1955

Abstract

: The details of a new method of mining and its advantages

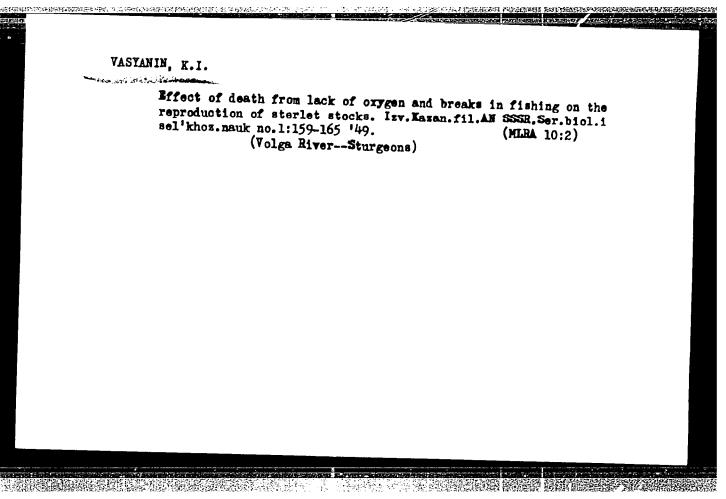
are described.

VASYANIN, Aleksandr Ivanovich, zhurnalist-mezhdunarodnik;
ROZHDESTVENSKIY, P., red.; KONOVALOVA, L., tekhn. red.

[The Republic of Mali] Respublika Mali. Moskva, Gospolitasdat,
1963. 70 p.

(Mali)

(Mali)



LUKIN, A.V. VASYANIN, K.I. POPOV, Yu.K.

Inferior and undesirable fishes of the Tatar Republic, their significance in fishery and means for their economic utilization. Izv.Kazan. fil.AN SSSR.Ser.biol.i sel'khoz.nauk no.2:259-292 50. (MIRA 10:2) (Tatar A.S.S.R.—Fishes)

VASYANIN, K.I.

Introduction on collective farms of methods for intensified cultivation of young mirror carp. Uch.zap.Ka.un. 115 no.8:205-215 '55. (MERA 10:3)

1. Deystvitel'nyy chlen Obshchestva yestestvoispytateley. (Carp)

WASYANIN, S.I.

Heat resistance of the muscular tissue of some species of birds of the finch family. TSitologiia 2 no.4:483-485 Jl-Ag '60.

(MIRA 13:9)

1. Laboratoriya sravnitel'noy tsitologii Instituta tsitologii AN SSSR, Leningrad.

(TEMPERATURE—PHYSIQLOGICAL EFFECT)

(MUSCLE)

(FINCHES)

VASYANIN, S.I.

Optimum force of a local contractile reaction (contracture) of the somatic muscles. TSitologiia 3 no. 2:146-153 Mr-Ap '61.

(MIRA 14:4)

l. Laboratoriya fiziologii kletki Fiziologicheskogo instituta pri Leningradskom universitete. (MUSCLES)

NIKOL'SKIY, N.N.; VASYANIN, S.I.

Nature of resting potential in phytophagous insects. TSitologiia 4 no.4:451-453 J1-Ap '62. (MIRA 15:9)

1. Laboratoriya fiziologii kletki Instituta tsitologii AN SSSR, Leningrad.

(INSECTS--PHYSIOLOGY) (ELECTROPHYSIOLOGY)

VASYANIN, S.I.

Thermostability of muscle Tissue in 3 species of herons. Taitologiia 4 no.6:673-675 N-D'62 (MIRA 17:3)

1. Laboratoriya sravnitel'noy tsitologli Instituta tsitologii AN SSSR, Leningrad.

NIKOL'SKIY, N.N.; VASYANIN, S.I.; VERENINOVA, S.A.

Adjustment of solitary nerve and muscle fibers to a linearly rising current. Fiziol.zhur. 48 no.12:1507-1510 D '62.

(MIRA 16:2)

1. Institut tsitologii AN SSSR, Leningrad. (ELECTROPHYSIOLOGY)

TOKIY, M.H., WANNAMA STA		
delation between the resting rotor of microelectrode. Sinficika 3	Dial value and the filling no. 1:75-77 (64. (MIR) 17:7)	
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ACCESSION NR: AR5003960

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SOURCE: Ref. zh. Biologiya. Sv. t., Abs. 23R269

AUTHOR: Vinogradova, N. A.; Vasyanin, S. I.

TITLE: Change in intracellular concentration of cations during incubation of muscles at low temperature

CITED SOURCE: Tsitologiya, v. 6, no. 4, 1964, 486-493

TOPIC TAGS: frog, muscle, tissue culture, ion concentration, potassium, sodium, lithium, substitution reaction

mpanoramton. Phase sharper of the introcallular concentra

TRANSLATION: Phase changes of the intracellular concentration of Kt were observed during prolonged incubation of sartorius muscles of common from at 20 in an endirence from a last read in a interpolation in which sodium at larity was about a read of the confidence of the confidence

onloride. During the first two days the intracellular accommotation of Kt dropped from 127.3 to 107.0 mmols, and returned to its initial level on the 3d and 4th days. During the next 5-6 days the Kt level of the muscles was reduced to 109.3 mmols in the ordinary Ringer

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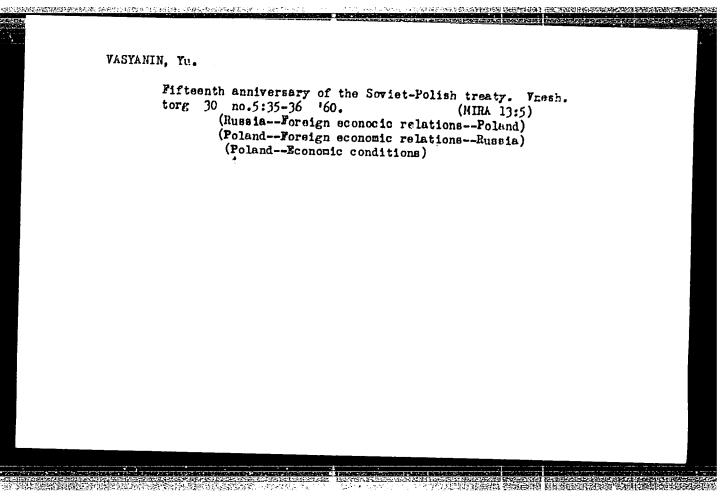
ACCESSION NR: AR5003960

solution and to 54.5 mmols in the solution with lithium chloride. The observed increase in intracellular concentration of K⁺ was not accompanied by an increase in rest potential. In 6 days its value dropped from 82 to 70 mv in the Ringer solution with sodium chloride and to 65 mv in the solution with lithium chloride. It is assumed that the phase changes of intracellular concentrations of K⁺ are related to fluctuations in the sorption properties of muscular tissue. During the incubation period (9 days), the intracellular concentration of Na⁺ increased from 26.4 to 42.5 mmols in the Ringer solution with sodium chloride. Muscles lost 20.0 mmols of Na⁺ during incubation in a solution with lithium chloride, and the intracellular concentration of Li⁺ after 10 days was equal to 15 mmols. Author's abstract.

SUB CODE: LS

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Card 2/2

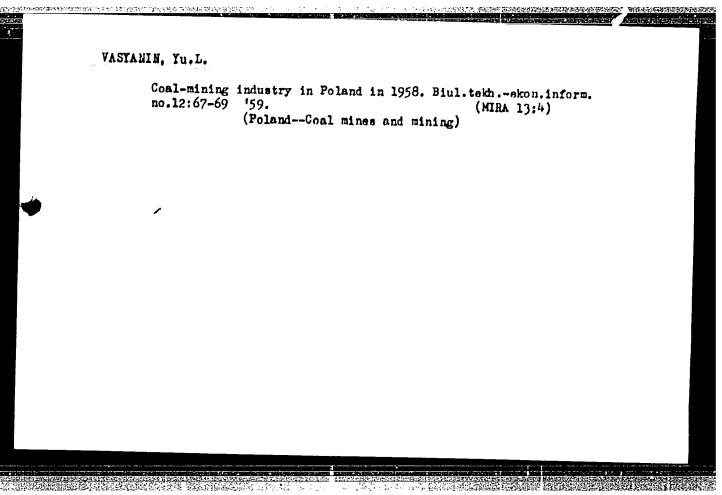


VASYANIN, Yu.; SHAIASHOV, V.

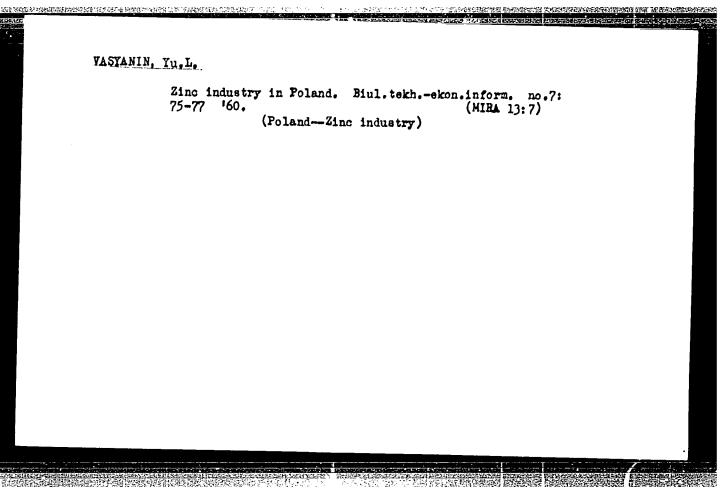
Prospects for Poland's foreign trade development. Vnesh. torg.
41 no.6:20-25 '61. (MIPA 14:7)

(Poland—Economic conditions)

(Poland—Commerce)



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VASYAHIN, Yu.L.		
110 • 12 ; (I = /4 ')	ry construction in Poland. 60. oland-Machinery industry)	Biul.tekhnekon.inform. (HIRA 13:12)



Tractors of the Polish People's Republic. Trakt. i sel'khozmash. 30 no.9:46 S '60. (MIRA 13:9)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

s/193/60/000/005/012/012 ACO4/ACC1

AUTHOR:

Vasyanin, Yu.L.

TITLE:

The Polish Ferrous Metallurgy

PERIODICAL:

Byulleten' tekhniko-ekonomicheskoy informatsii, 1960, No. 5, pp.

The author presents a detailed survey on the development of the Polish ferrous metallurgy and states that from 1945 to 1959 44 million tons steel were produced in Poland, 1.e. 2.3 times more than from 1920 to 1939. Including the iron ore mining industry, 52 enterprises with 132,700 employees produced fermetals in 1958. Table 1 shows the increase in production of the various items.

rous metals in 1958	Тарі В тыс 1958 г.		Table 1:	in 1,000 tons; 1) pig iron (on cast iron for steel manufacture; rolled steel; 4) pipes.
1) Чугун (в пересчете на передельный)	4 5642 0 3700	4374 6159 4060 333		

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The Polish Ferrous Metallurgy

Table 2 shows the increase in production capacity of the ferrous metallurgy on account of new capital investments from 1950 to 1958.

3) Доменные печи У/ Сталеплавильные печи	Единица измерения шт. тыс. т 31 шт. тыс. т 31 шт. тыс. т 40 тыс. т 41 тыс. т 41 тыс. т 20 тыс. т 50 тыс. т 50 тыс. т 60 тыс. т 60 тыс. т 60	rolled material; 8) iron castings; 9) steel castings. During this period the total useful volume of blast furnaces increased from about 7,150 cu.m (19 furnaces) to 15,860 cu.m (26 furnaces). With three more blast furnaces of 1,700 cu.m each erected up to 1965, the average useful volume of one blast furnace is to be brought to 690 cu.m. The increase in productivity per worker is expressed by the following figures (in tons); 1937 - 328; 1950 - 386; 1955 - 698; 1958 - 956; gical plants introduced maistened blasters.
1959 - 1,147. Ma	ny metallur crease the l	1957 - 328 - 1050 386 - 1055 - 600 - 605

s/193/60/000/005/012/012 A004/A001

The Polish Ferrous Metallurgy

From 1961 to 1965 eight new blast furnaces will be erected, while six obsolete ones will be torn down. Compared to 1,039 kg coke in 1957 per ton of pig iron, in 1959 the coke consumption was cut down to 989 kg per ton of pig iron. The corresponding figure projected for 1965 is 900 kg coke. In 1958 the Polish ferrous metallurgical industry had 94 open-hearth furnaces. Table 3 presents data on the open-hearth furnaces, comparing the 1950 figures with those for 1957 and 1958.

:	1950 r.	1957 г.	1958 r.
//Печи емкостью до 30 г	18	17	16
3160 +	38	42	42
3) Печн емкостью 61—100 т	19	29	29
4) Печи сыкостью 101—200 т	-	3	3
у Печи сыкостью свыше 200 т	-	3	4
() Bcero	75	94	94
Card 3/6			

Table 3:

- 1) furnaces with a capacity of up to 30 tons;
- 2) idem of 31-60 tons; 3) 30 idem of 61-100 tons;
- 4) idem of 101-200 tons; 5) idem of more than 200 tons; 6) total.

In February 1959 the 360-ton capacity openhearth furnace No. 8 was put in operation at the Combine im. Lenin, which made the number of open-hearth furnaces in Poland increase to 95. Table 4 presents comparative data on the capacity and hearth area of open-hearth furnaces in 1950 and 1959 (up to February).

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The Polish Ferrous Metallurgy

Показатели	1950 r.	1959 r.	1959 r. / 1950 r.
3/ Суммариля ем- кость печей, т Суммариля пло- щаль пода	33-14	6675	около 100
5/ Средияя сыкость	1820	2876	58
1 печи, т Средняя поверх- ность пода	45	70	56
I печи, м ²	24	30	25

1) index; 2) increase in 5; 3) total furnace capacity, tons; 4) total hearth area of furnaces, sq. m; 5) average capacity of 1 furnace, tons; 6) average hearth area of 1 furnace, sq.m.

In 1959 the steel output per worker increased to 609 tons, at the Combine im. Lenin to 1,503 tons. The increase in productivity of open-hearth furnaces was attained owing to the use of "zebra" type crowns, a combination of an acid and a basic crown, and also of chrome-magnesite fire-bricks and by using oxygen for the melting of steel. During 1961 - 1965 seven new open-hearth

and one electric furnace will be built in Poland. These new furnaces will increase the steel production by 63%, another 37% increase will be achieved by modernizing old plants. During 1963 - 1964 three 90-ton converters with an annual capacity of 800 - 1,000 thousand tons will be built at the Combine im. Lenin with

Table 4:

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The Polish Ferrous Metallurgy

the aid of the Soviet Union. A special plant at Kattovitse carries out repairs of metallurgical plant equipment. New rapid repair methods are being employed which enabled the ferrous metallurgy plants to produce additional 20,000 tons pig iron and the same quantity of steel. Great attention is paid to the introduction of new technological processes, developed mainly by the Institute of Perrous Metallurgy at Glivitse and the Biprokhut Design and Planning Office. Special emphasis is laid on the development of converters with oxygen blowing and steel teeming under vacuum. In 1960 the "Yednosh" Metallurgical Plant is going to receive the equipment for continuous steel teeming, while the metallurgical plants "Bail'don", "Batori" and "Varshava" are going to be equipped with such installations during the next years. By 1965 the "Varshava" Plant is going to produce 350,000 tons of quality steel per year; later, this plant is to increase its capacity to 600,000 tons annually. The production of rolled material was considerably extended and includes now 2,000 different items. Under the next Five-Year Plan the greatest attention is paid to the development of steel sheet production, and particularly transformer steel, sections, tubes and wire. Equipment for a galvanizing plant was bought in the USA and England, while the equipment for the production of seamless tubes was bought in West Germany. Up to 1965 a total of eight new rolling mills will be built, which will result in a 40% increase Card 5/6

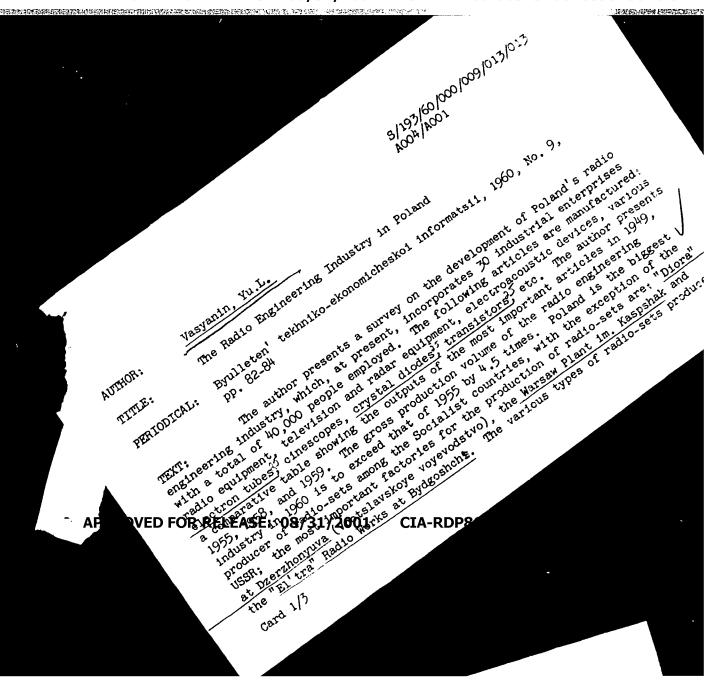
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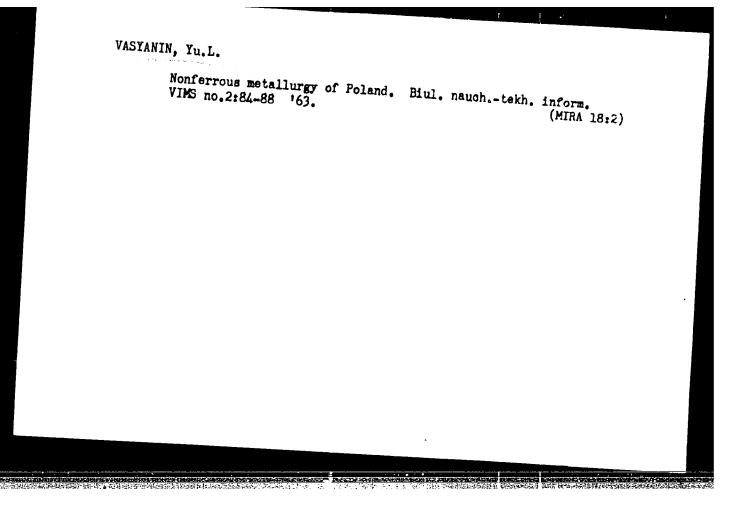
The Polish Ferrous Metallurgy

S/193/60/000/005/012/012 A004/A001

of rolled material, while another 60% raise will be achieved on account of an extensive modernization of old rolling mills. A 6,000-ton press with a production capacity of 20,000 tons of forge work will be installed at the Metallurgical Plant im. Novotki at Ostrovtse. According to the 1960 plan the ferrous metallurgy plants in Poland are to produce 4.6 million tons pig iron, 6.4 million tons steel, 4.3 million tons rolled material and 11.5 million tons coke. There are 4 tables and 8 non-Soviet references.

Card 6/6





KUDRYASHEV, I.I.; BARANOV, A.T; ROZENFEL'D, L.M.; BORDYUG, D.Ya.; LEVIN, M.V.; KALNINA, N.A.; KAN, F.A.; VAS'YANOV, D.P., red.; KUZNETSOV, A.I., tekhn. red.

[Technical specifications for manufacturing articles from cellular concrete, foamed fly ash concrete, breeze foamed fly ash silicate, and foamed clinker concrete] Tekhnicheskie usloviia na izgotovlenie izdelii iz avtoklavnykh iacheistykh betonov - penozolobetona, penozolosilikata i penoshlakobetona; proekt. Moskva, TSentr. biuro tekhn. informatsii, 1959. 62 p.

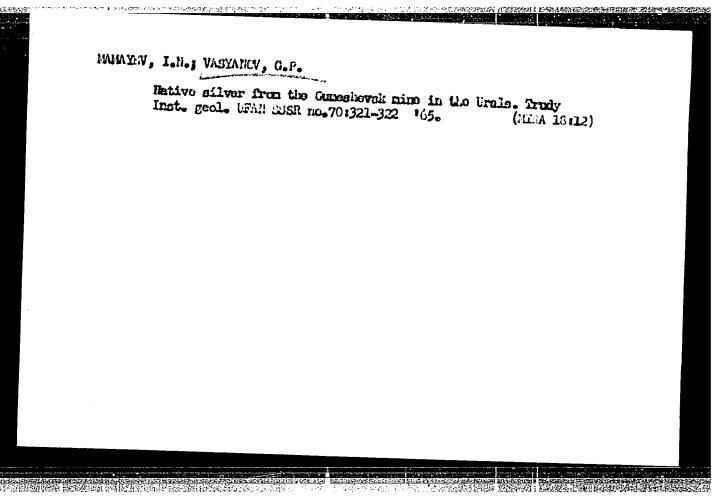
stroitel'nykh materialov, otdelki i oborudovaniya zdaniy.

2. Nauchno-issledovatel'skiy institut novykh stroitel'nykh
materialov Akademii stroitel'stva i arkhitektury SSSR (for
Kudryashev). 3. Nauchno-issledovatel'skiy institut betona i
zhelezobetona (for Baranov, Rozenfel'd). 4. Nauchno-issledovapomoshchi stroitel'stvu Akademii stroitel'stva i arkhitektury
SSSR (for Bordyug, D.Ya.). 5. Nauchno-issledovatel'skiy institut
Sibirskiy filial Akademii stroitel'stva i arkhitektury
promyshlennykh zdaniy i socruzheniy (for Levin). 6. ZapadnoKalnina). 7. Ural'skiy filial Akademii stroitel'stva i arkhitektury
SSSR (for Kan).

(Lightweight concrete)

VASTYATOV, F.F., Cand Tech Sci -- (dist) "Red rye malt (baking)."
Tos, 1958, 18 pp (Min of Higher Education MSSR. Tos Tech Inst of Food Industry) 100 copies (FL, 27-55, 108)

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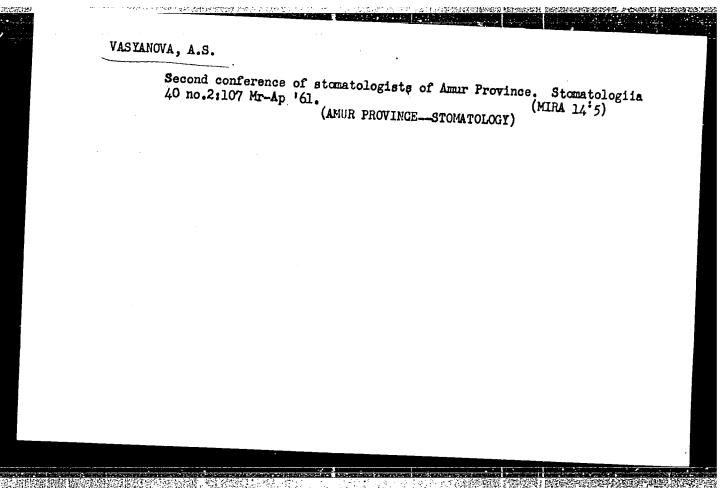
SIMANOVSKAYA, R.E.; rukovoditel' raboty; SHPUNT, S.Ya.; VODZINSKAYA, Z.V.;
KOKINA, Z.I.; PSTUKHOVA, M.G.; NAYDENOVA, V.A.; VAS'YANOV, V.P.;
VASIL'YEV, N.F., master; ORIOV, N.N., starshiy apparatchik;
NAUMOV, P.M., starshiy apparatchik; TRUPIN, M.P., starshiy apparatchik;
VOLKOVA, V.M., starshiy apparatchik; ZORINA, Ye.A.; KIROVA, V.A.;
LUTOVA, Z.I., ZENKINA, Z.P., laborant; SEMOKHINA, L.A., laborant;

Phosphogypsum and its use in the manufacture of sulfuric acid and portland cement; small-scale operation at the pilot plant of the Scientific Research Institute of Fertilizers and Insectifuges. [Trudy] NIUIF no.160:59-76 58. (MIRA 12:8)

1. Sotrudniki Nauchnogo instituta po udobreniyam i insektofungisidam (for Simanovskaya, Shpunt, Vodzinskaya, Kokina, Fastukhova, Naydenova). 2. Zamestitel' nachal'nika 3-go tsekha Opytnogo zavoda Nauchnogo instituta po udobreniyam i insektofungisidam (for Vas'yanov). 3.3-y tsekh Opytnogo zavoda Nauchnogo instituta po udobreniyam i insektofungisidam-(for Vasil'yev, Orlov, Naumov, Trupin, Volkova, Zorina, Kirova, Lutova, Zenkina, Samokhina). 4. TSentral'naya analiticheskaya laboratoriya Opytnogo zavoda Nauchnogo instituta po udobreniyam i insektofungisidam (for Mikitina).

(Gypsum) (Fortland cement) (Sulfuric acid)

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TRUB, I.A., kand.tekhn.nauk; VASYANOVICH, I.F., inzh.; DANILETSKIY, A.P., inzh.

Technological indices of the operation of tunnel furnaces and dryers fueled by mazut. Stroi. mat. 8 no.2:25-27 F '62.

(Petroleum as fuel)

(Petroleum as fuel)

KURILOV, G.V., inzh.; VASYANOVICH, I.F., inzh.; YARKHO, V.I., inzh.;

MCRGUNOV, V.N., inzh.; BALITSKIY, S.A., kand. tekhn. nauk

Drying rigid mineral wool plates with bitumen-kaolin binder.

Stroi. mat. 11 no. 12:12-14 D '65. (MIRA 18:12)

DVORKIND, M.M., inzh. V rabote prinimali uchastiye: VAS'YAS, I.P.;
KOKSHAROV, V.D.; DRESVYANKIN, V.I.; PARAMONOVA, A.P.;
GOLOKHMATOV, S.N.; SHISHARIN, B.N.; GOLIKOVA, T.A.; KLISHA, ...
Ya.A.; KOZHEVNIKOVA, Ye.L.; VYDRINA, Zh.A.; BUSHUYEVA, T.N.;
NAZARENKO, G.A.

Behavior of open-hearth furnace crowns under the effect of feeding oxygen into the burner flame and into the bath. Stal' 20 no.2:117-121 F '60. (MIRA 13:5)

AUTHOR:

Vasyayev, G.M.

SOV/19-58-6-11/685

TITLE:

A High-Altitude Suit of Several Layers of Fabric (Vysotnyy kostyum iz neskol*kikh sloyev materii)

PERIODICAL:

Byulleten' izobreteniy, 1958, Nr 6, p 7 (USSR)

ABSTRACT:

Class 3b, 22. Nr 113974 (134415/163471 of 20 February 1935). Submitted to the Committee for Inventions 1935). Submitted to the Committee for Inventions 20 A high-altitude suit made of several fabric layers and springs placed between the fabric layer to form air layers in the material. 2) A high-altitude suit as described above with pads interconnected with circulation pipes. The chest pad is provided with an electric coil for heating oxygen, and with small bags for storing food.

Card 1/1

ROD'KINA, Z.I.; VASIL'CHENKO, L.F. [Vasyl'chenko, L.F.]

Using the condenser spinning method for the manufacture of No.20 yarn made from nitron. Lah.prom. no.2:12-14 Ap.Jn 15.

(MICA 18:10)

VASIL'CHENKO, O.G. [Vasyl'chenko, O.H.]

Ways te improve the work of galenic pharmaceutical enterprises in the Ukraine, Farmatsev.zhur. 20 no.1:85-88 '65.

(MIRA 18:10)

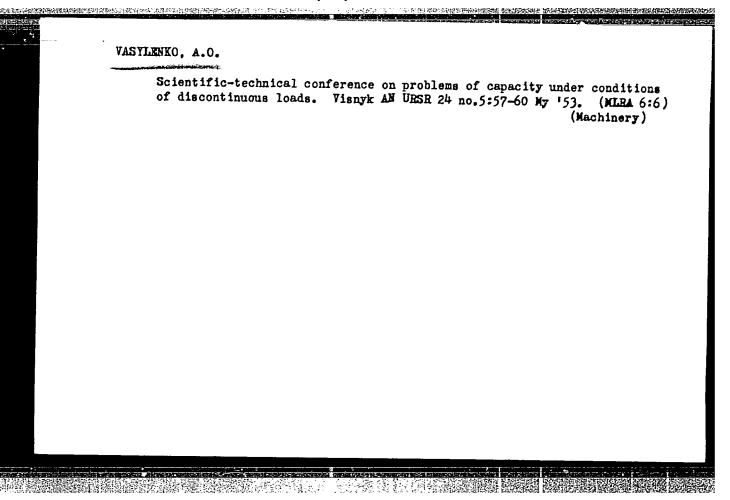
1. TSentral'naya nauchno-issledovatel'skaya aptechnaya laboratoriya Glavnogo aptechnogo upravleniya Ministerstva zdravookhraneniya UkrSSR.

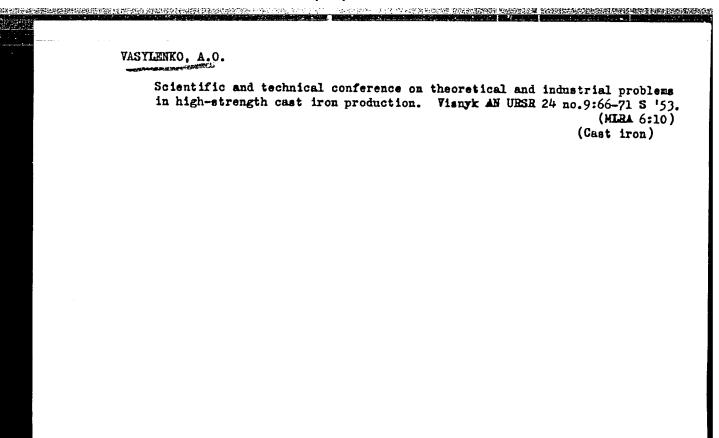
VASYLENKO, A.O.

Russia - Politics and government

More help of scientists on great new construction projects. Visnyk AN URSR 22 no. 10, 1950.

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.





16(1)

SOV/21-59-9-3/25

net promote and lease in the lease and the l

AUTHOR:

. Vasylenko, O.Yu.

TITLE:

On a Certain Integral Equation

PERIODICAL:

Dopovidi Akademiyi nauk Ukrayins'koyi RSR, Nr 9.

1959, pp 941-944 (USSR)

ABSTRACT:

In this paper, the author proves the existence and uniqueness of a positive solution of a non-linear integral equation met with in the theory of the non-

steady flow of ground water:

 $\S^{2}(\xi) = \int K(\xi; \xi,) \S(\xi,) d\xi, , 0 < \xi \leq \xi, \leq 1,$

whereby $K(\xi, \xi,)$ stands for core, and $0 < \xi < \xi, < 1$ for region. Using a number of formulae, he arrives at this conclusion by making the following statement: assuming that $\theta(\xi)=1$ at $\xi < \xi < 1$ and close to $\xi = \xi_3 < \mathcal{M}(\xi) > 1$ at $\xi < \xi_3$, we shall obtain analogical inequalities contradicting the assumption, by which the existence of

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the unique positive solution of the integral equation

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On a Certain Integral Equation

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(1) is proved. There is 1 Soviet reference.

ASSOCIATION:

Kyyivs'kyy inzhenerno-budivel'nyy instytut (Kiyev Engineering and Construction Institute)

PRESENTED:

By Y.Z. Shtokalo, Member AS of UkrSSR

SUBMITTED:

March 7, 1959

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

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SOV/21-59-11-3/27

AUTHOR:

Vasylenko, O.Yu.

TITLE:

On the Solution of One Integral Equation

PERIODICAL:

Dopovidi Akademiyi nauk Ukrayins'koyi RSR, 1959,

Nr 11, pp 1184 - 1188 (USSR)

ABSTRACT:

Examining the unique, positive solution of a non-

linear integral equation

$$f^{2}(\xi) = \int_{0}^{1} K(\xi; \xi) f(\xi) d\xi, 0 < \xi \leqslant \xi \leqslant 1$$
(1)

encountered in the theory of the non-steady flow of ground waters, the existence of which has been proved / Ref 1 /, the author offers two iteration methods for its solution. For this, in his first method, he

employs the iteration formula

Card 1/3

fn. (E) = (K(E; E,) f. (E,) dE,

(14)

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On the Solution of One Integral Equation

and in his second method he employs the iteration formula

$$f_{n+1}(\xi) = \frac{1}{2} \left[f_n(\xi) + \frac{\int_{\mathcal{E}} K(\xi; \xi_1) f_n(\xi_1) d\xi_1}{f_n(\xi)} \right]$$

and also proves the convergence of successive approximations obtained by the iteration methods, towards the solution. Designations employed are standard mathematical, Assumptions made are as follows:

a) nucleus $K(\xi;\xi)$ is a positive continuous function in the area 0< E < 5

in both arguments

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CIA-RDP86-00513R001859020010-5" APPROVED FOR RELEASE: 08/31/2001